IN THE CLAIMS

Cancel claims 2, 3, 5, 7, 9, 11, 12, 14, 16, 18, 19, 21, and 23.

Please amend claims 1, 4, 6, 10, 13, 17, and 20 to read as follows:

1.   (amended) An information processing apparatus comprising:

a motion detector for detecting motion vectors for a plurality of predetermined

blocks within each frame of said image signal to be displayed by a display device;

a generator for generating a motion control signal in accordance with said

motion vectors; and

a driving device for driving an object in accordance with said motion control

signal, whereby the movement of the driven object corresponds to motion within the

displayed image signal.

4.   (amended) An information processing apparatus according to claim 1,

wherein said generator generates, as said motion control signal, a horizontal component, a

vertical component, a magnification component, and a rotation component in accordance

with said motion vectors.

6.   (amended) An information processing apparatus according to claim 1,

wherein a chair is provided as said object, and said driving device comprises an actuator for

moving said chair.

10.   (amended) An information processing method comprising the steps of:

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detecting motion vectors for a plurality of predetermined blocks within each frame of said image signal to be displayed by a display device;

generating a motion control signal in accordance with said motion vectors; and

driving an object in accordance with said motion control signal, whereby the movement of the driven object corresponds to motion within the displayed image signal.

13. (amended) An information processing method according to claim 10, wherein, in said generating step, as said motion control signal, a horizontal component, a vertical component, a magnification component, and a rotation component are detected in accordance with said motion vectors.

17. (amended) A storage medium storing a computer-controllable program, said program comprising the steps of:

detecting motion vectors for a plurality of predetermined blocks within each frame of said image signal to be displayed by a display device;

generating a motion control signal in accordance with said motion vectors; and

driving an object in accordance with said motion control signal, whereby the movement of the driven object corresponds to motion within the displayed image signal.

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20.　(amended)　A storage medium according to claim 17, wherein, in said

generating step, as said motion control signal, a horizontal component, a vertical component,

a magnification component, and a rotation component are detected in accordance with said

motion vectors.